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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/727,348
Applicant : Mohamed K. Diab
Filed : December 3, 2003
TC/A.U. : 2863
Examiner : Bryan Bui

Title : **SYSTEMS AND
METHODS FOR
DETERMINING BLOOD
OXYGEN SATURATION
VALUES USING
COMPLEX NUMBER
ENCODING**

Docket No. : MLABS.021A
Customer No. : 20,995

Confirmation No. : 5470

Express Mail Certification

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June 7, 2005
(Date)

John M. Grover, Reg. No. 42,610

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION DATED MARCH 7, 2005

Sir:

In response to the Office action of March 7, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.